

FIG. 1

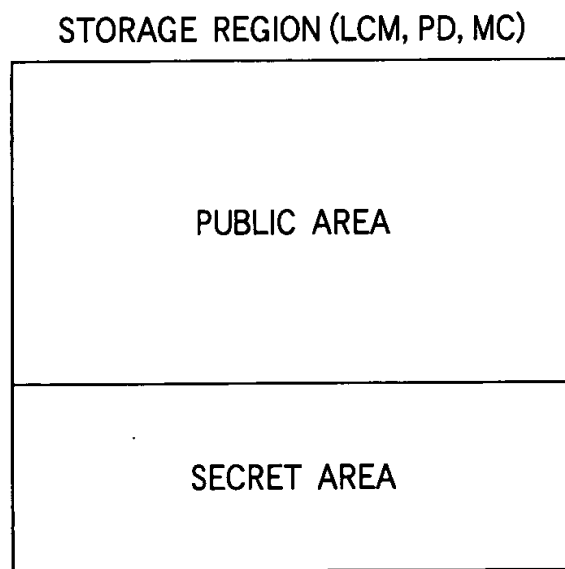


FIG. 3

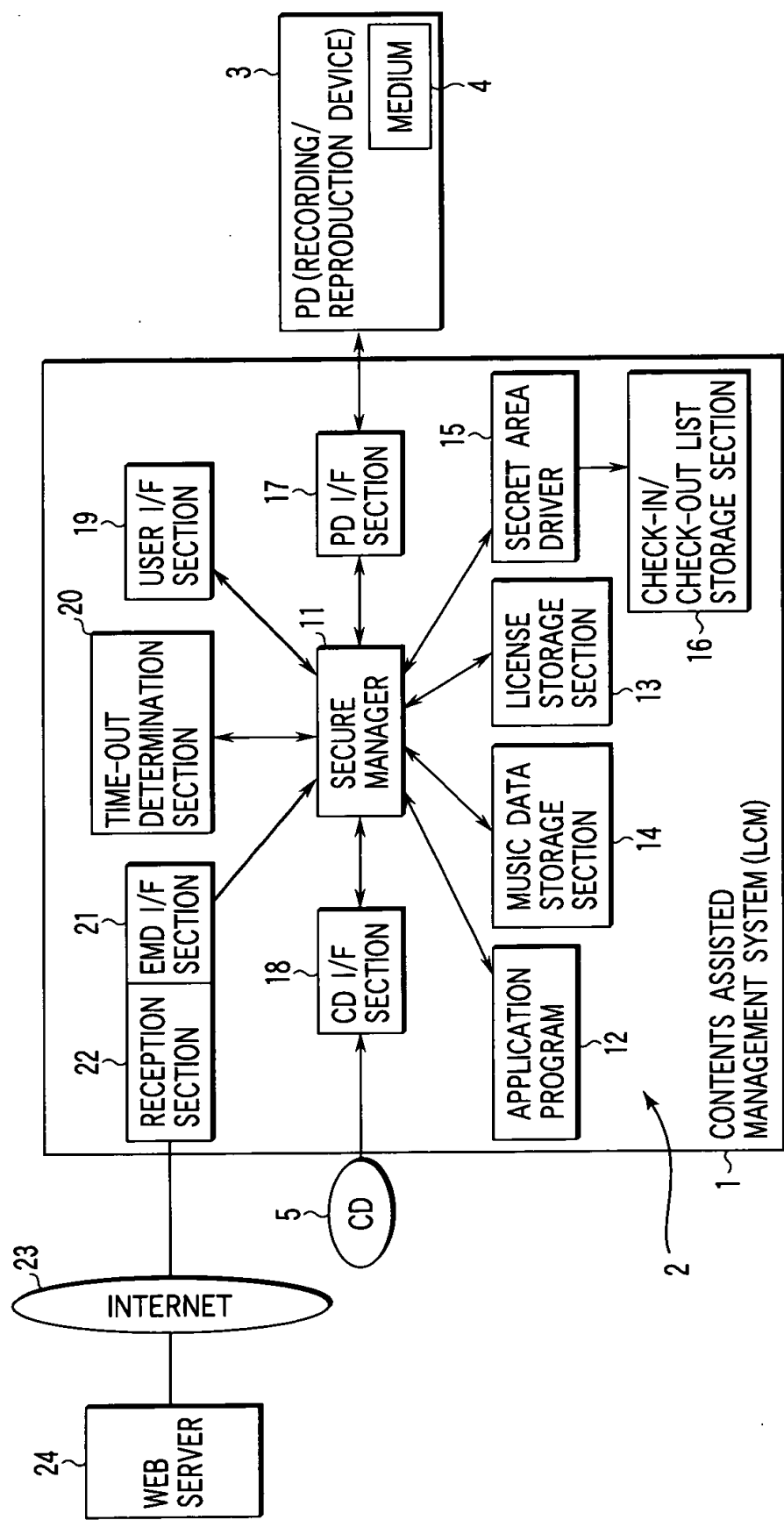


FIG. 2

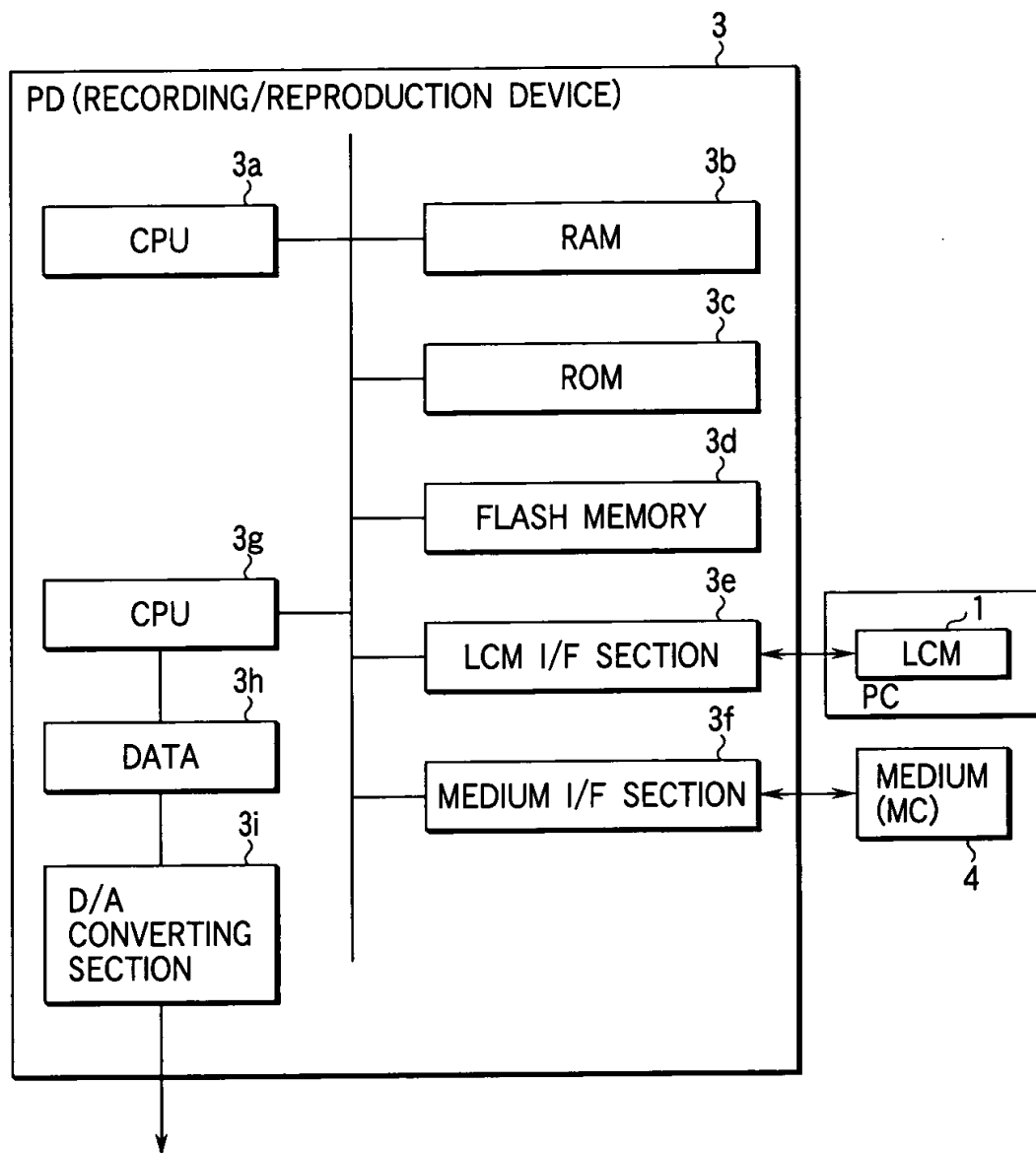


FIG. 4

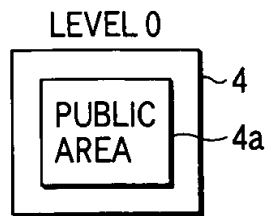


FIG. 5A

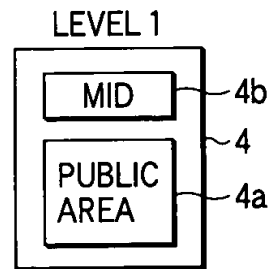


FIG. 5B

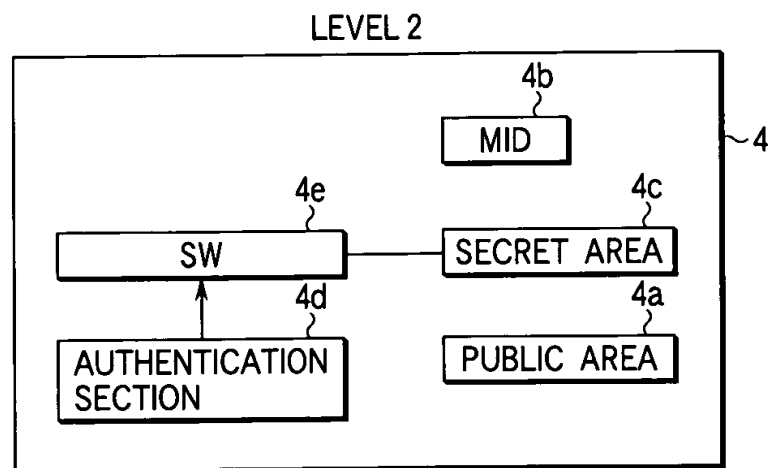


FIG. 5C

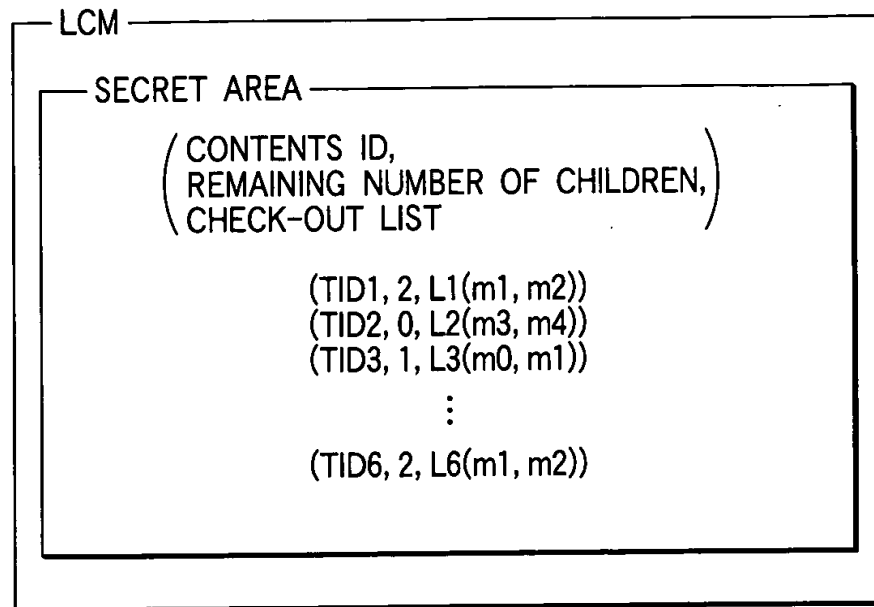


FIG. 6A

CHECK-IN/CHECK-OUT LIST AFTER CHECK-OUT

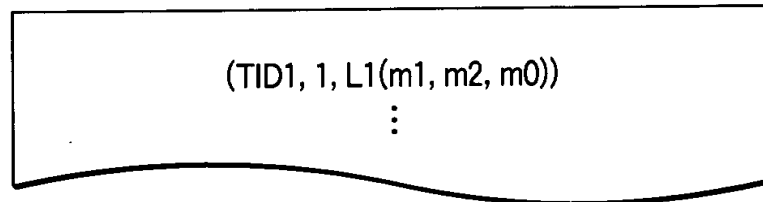


FIG. 6B

CHECK-IN/CHECK-OUT LIST AFTER CHECK-IN

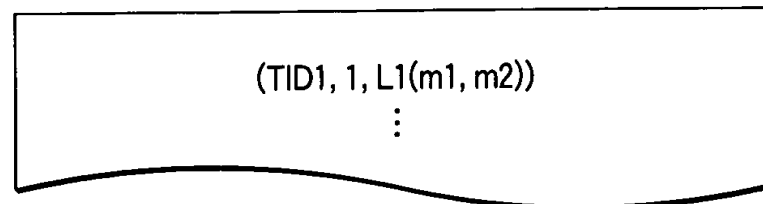


FIG. 6C

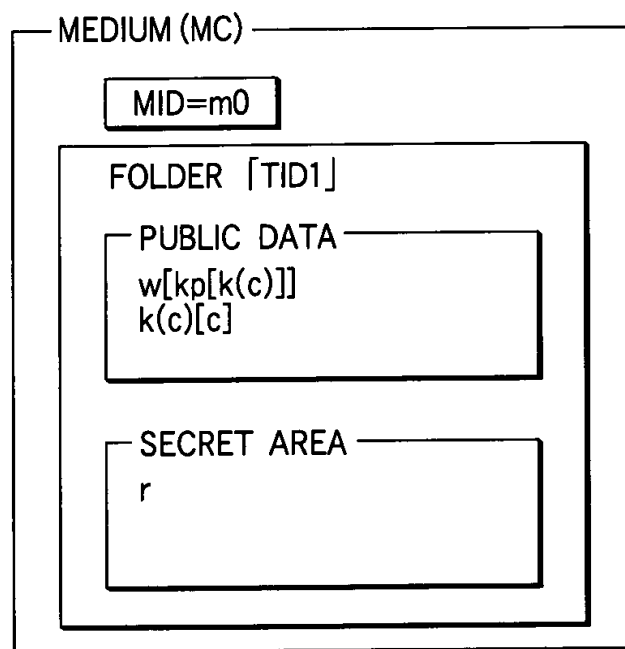


FIG. 7

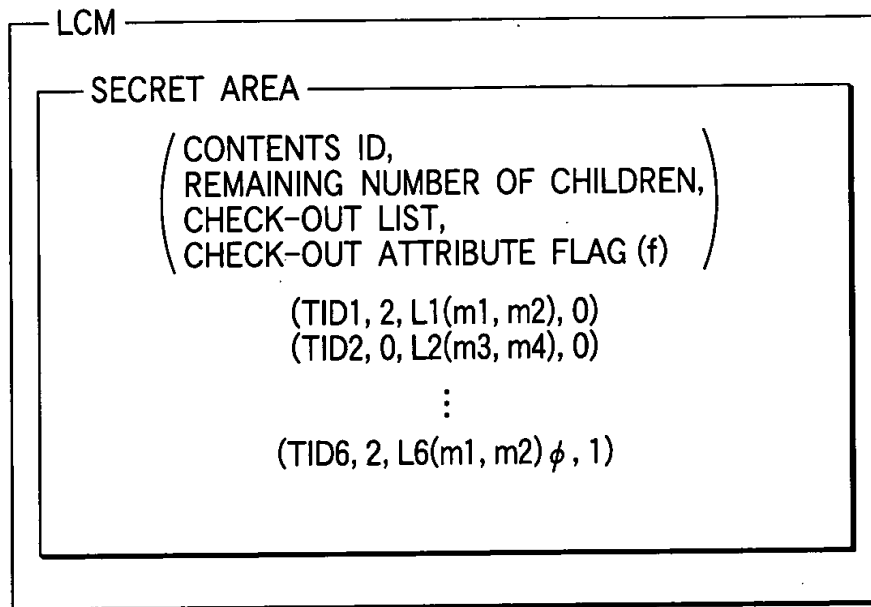


FIG. 8A

CHECK-IN/CHECK-OUT LIST AFTER CHECK-OUT

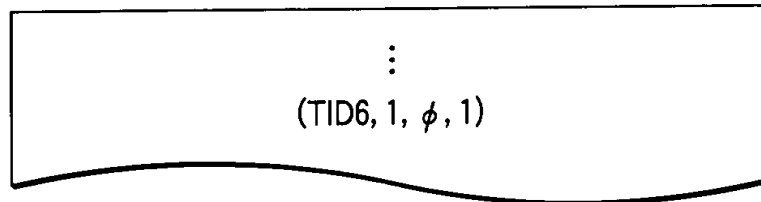


FIG. 8B

CHECK-IN/CHECK-OUT LIST AFTER CHECK-IN

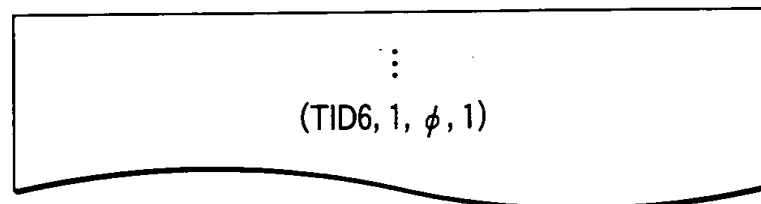


FIG. 8C

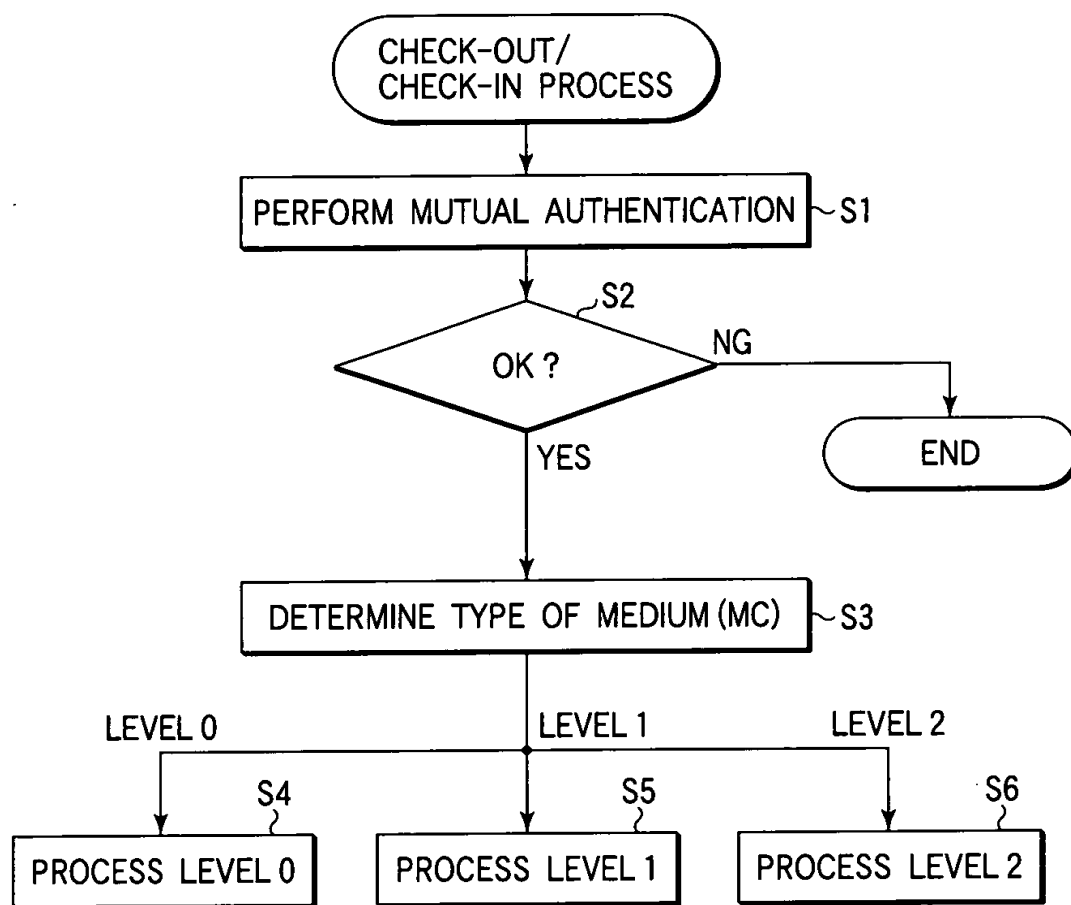


FIG. 9

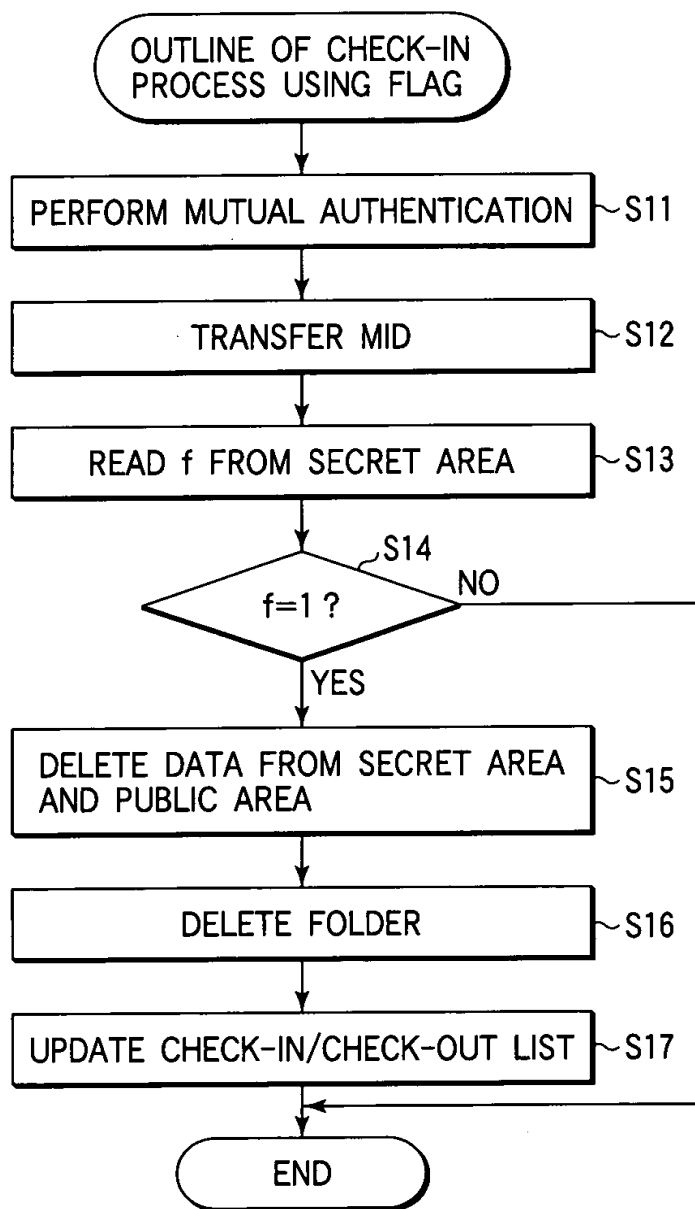


FIG. 10

IMPORT FROM AUDIO CD
IMPORT FROM FILE
TRANSFER TO PD
PLAY LIST EDIT
PLAY LIST EDIT OF PD
DISPLAY >
OPTION
HELP
VERSION INFORMATION
END

FIG. 11A

MINIMIZATION
<input checked="" type="checkbox"/> PLAY LIST DISPLAY <input checked="" type="checkbox"/> MANAGER DISPLAY

FIG. 11B

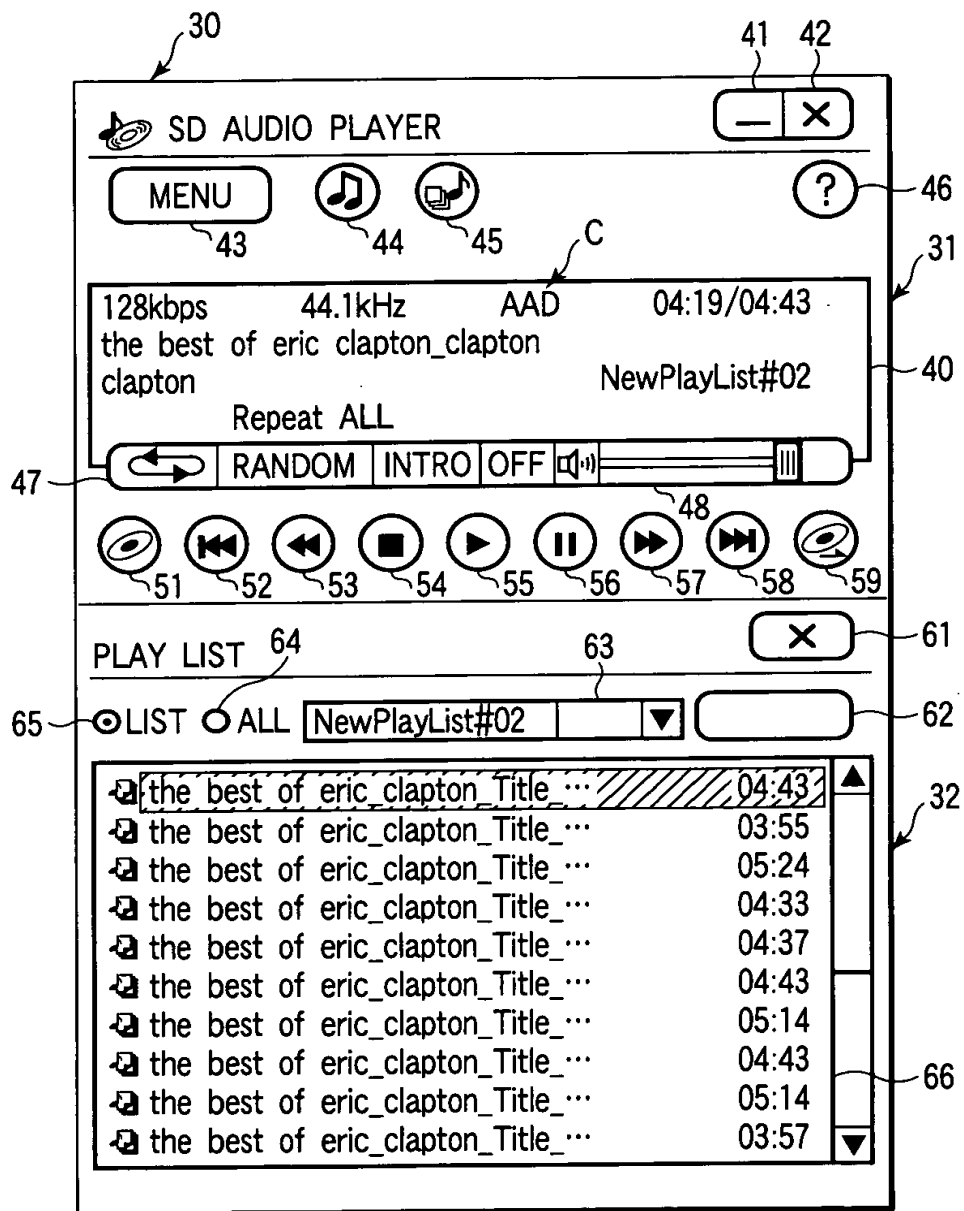


FIG. 12

SD LIBRARY MANAGER

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PD PLAY LIST

CD

FILE

PLAY LIST

LIBRARY

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82

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100

SONG TITLE	CONTENTS-TRANSFERABLE NUMBER OF TIMES	ARTIST	ALBUM TITLE	FORMAT	GENRE	SIZE	PLAY
♪ SONG TITLE 1	3	A . A	B1	AAC	POPS#1	5.292Kb	05.3
♪ SONG TITLE 2	1	A . A	B1	MP3	POPS#1	4.014Kb	04.1
♪ SONG TITLE 3	2	A . A	B1	AAC	POPS#1	5.021Kb	05.2
♪ SONG TITLE 4	2	A . A	B1	MP3	POPS#1	4.832Kb	05.0

PLAY LIST

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NEW LIST LIST ERASE

101

102

103

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105

UPDATE

CLEAR

CLEAR ALL

PLAY LIST SAVE

106

107

108

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SONG TITLE

ARTIST

ALBUM TITLE

GENRE

SIZE

PLAY

SONG TITLE 2

A . A

B1

POPS#1

4.014Kb

04.1

SONG TITLE 4

A . A

B1

POPS#1

5.021Kb

05.2

SONG TITLE 6

A . A

B1

POPS#1

4.832Kb

05.0

FIG.13

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SD LIBRARY MANAGER

71 72 73

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PD PLAY LIST

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PD

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CD

77 78 84

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PLAY LIST

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LIBRARY

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PLAY LIST

82

A . A

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TAG EDIT

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SONG TITLE	CONTENTS-TRANSFERABLE NUMBER OF TIMES	ARTIST	ALBUM TITLE	FORMAT	GENRE	SIZE	PLAY
♪♪ SONG TITLE 1	3	A . A	B1	AAC	POPS#1	5.292Kb	05.3
♪♪ SONG TITLE 2	1	A . A	B1	MP3	POPS#1	4.014Kb	04.1
♪♪ SONG TITLE 3	2	A . A	B1	AAC	POPS#1	5.021Kb	05.2
♪♪ SONG TITLE 4	2	A . A	B1	MP3	POPS#1	4.832Kb	05.0

111 88

89 98

99

100

INCLUDING PLAY LIST INFORMATION

110

PD

113

CAPACITY/243KB/32000KB

TOTAL PLAYING
TIME 00:14:48

114

115

SD CARD

INTERNAL MEMORY

116

SD CARD (SD Audio)

117

112

SONG TITLE	ARTIST	ALBUM TITLE	FORMAT	GENRE	SIZE	PLAY
♪♪ SONG TITLE 1	A . A	B1	AAC	POPS#1	5.292Kb	05.3
♪♪ SONG TITLE 2	A . A	B1	MP3	POPS#1	4.014Kb	04.1
♪♪ SONG TITLE 3	A . A	B1	AAC	POPS#1	5.021Kb	05.2
♪♪ SONG TITLE 4	A . A	B1	MP3	POPS#1	4.832Kb	05.0

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TRANSFER START STOP

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FIG.14

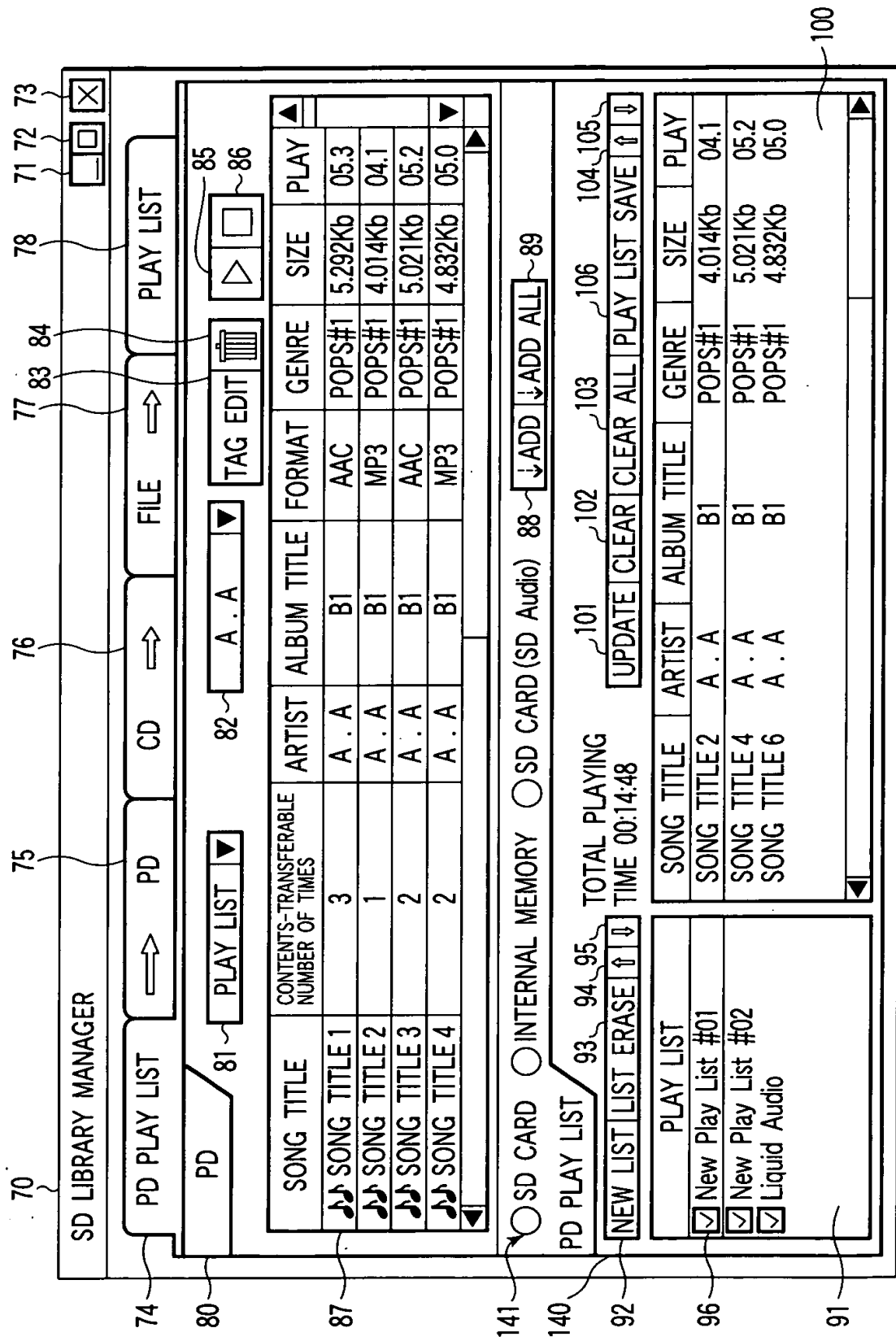


FIG. 15

Figure 1 is a schematic diagram of a music player interface. The interface is divided into several sections. At the top, there's a "SD LIBRARY MANAGER" section with buttons for "PD PLAY LIST", "PD", "CD", "FILE", and "PLAY LIST". Below this is a "LIBRARY" section with a "PLAY LIST" button and a dropdown menu showing "A . A". To the right of the library is a table with columns: SONG TITLE, CONTENTS-TRANSFERABLE NUMBER OF TIMES, ARTIST, ALBUM TITLE, FORMAT, GENRE, SIZE, and PLAY. The table lists four songs: SONG TITLE 1 (3 times, A . A, B1, AAC, POPS#1, 5.292Kb, 05.3), SONG TITLE 2 (1 time, A . A, B1, MP3, POPS#1, 4.014Kb, 04.1), SONG TITLE 3 (2 times, A . A, B1, AAC, POPS#1, 5.021Kb, 05.2), and SONG TITLE 4 (2 times, A . A, B1, MP3, POPS#1, 4.832Kb, 05.0). Below the table is a "SECOND ONE OF REMAINING TIME" section with a progress bar and a "CAPTURE STOP" button. To the right of the progress bar is a "CD" section with a "TOTAL PLAYING TIME: 00:00" and a "UPDATE SELECT ALL CLEAR ALL" button. Below the CD section is a "PLAY LIST" section with a dropdown menu showing "B1" and a "154" value. To the right of the play list is a table with columns: SONG TITLE, FILE TITLE, TRACK, and TIME. The table lists four songs: SONG TITLE 1 (ABC#1, 1, 04.44), SONG TITLE 2 (ABC#2, 2, 03.57), SONG TITLE 3 (ABC#3, 3, 05.26), and SONG TITLE 4 (ABC#4, 4, 04.35). Below the table is a "BIT RATE" section with a dropdown menu showing "128Kbps" and a "151" value.

FIG. 16

SD LIBRARY MANAGER

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165

170

PD PLAY LIST

CD

FILE

PLAY LIST

LIBRARY

81

PLAY LIST

82

A . A

85

86

TAG EDIT

SONG TITLE	CONTENTS-TRANSFERABLE NUMBER OF TIMES	ARTIST	ALBUM TITLE	FORMAT	GENRE	SIZE	PLAY
♪ SONG TITLE 1	3	A . A	B1	AAC	POPS#1	5.292Kb	05.3
♪ SONG TITLE 2	1	A . A	B1	MP3	POPS#1	4.014Kb	04.1
♪ SONG TITLE 3	2	A . A	B1	AAC	POPS#1	5.021Kb	05.2
♪ SONG TITLE 4	2	A . A	B1	MP3	POPS#1	4.832Kb	05.0

SECOND ONE OF

REMAINING TIME

THREE SONGS IN TOTAL

59 SECONDS

97

↑CAPTURE

STOP

119

FILE

152 ~ TOTAL PLAYING TIME: 00:00

158

159

160

161

162

UPDATE

SELECT ALL

CLEAR ALL

PLAY LIST

B1

154

ALBUM

B1

155

ARTIST

A . A

156

GENRE

POPS#1

157

171

BIT RATE

128Kbps

151

NAME	TIME	SIZE
na . WAV	02:00	20672...
nb . WAV	04:56	51072...
nc . WAV	04:55	51061...
nd . mp3	05:01	4708KE

FIG.17 172